

**COMBINED DECLARATION AND POWER OF ATTORNEY**

ATTORNEY DOCKET NO.

Rec'd PTO

18 NOV 2003

10/55/210

As a below named inventor, I/we hereby declare that:

My/our residence, post office address and citizenship are as stated below next to my/our name. I/we believe I am/we are the original, first and sole/joint inventor/s of the subject matter which is claimed and for which a patent is sought on the invention entitled

**TETRAHYDRO-NAPHTHALENE DERIVATIVES AS VANILLOID RECEPTOR ANTAGONISTS**

the specification of which is attached hereto,

or was filed on **November 28, 2003**

as a PCT Application Serial No. **PCT/EP2003/013452**

I/we hereby state that I/we have reviewed and understand the contents of the above-identified specification, including the claims.

I/we acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I/we hereby claim priority benefits under Title 35, United States Code, §119 and § 119(e)(1) of any foreign and/or U.S. provisional application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

**02027528.5**  
(Number)

**Europe**  
(Country)

**December 9, 2002**  
(Month/Day/Year Filed)

I/we hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I/we acknowledge the duty to disclose the material information as defined in Title 37, Code of Federal Regulations, §1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

---

(Application Serial No.)

(Filing Date)

(Status)

(patented, pending, abandoned)

---

(Application Serial No.)

(Filing Date)

(Status)

(patented, pending, abandoned)

I/we hereby declare that all statements made herein of my/our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

**RCK 40-US**

2

FULL NAME OF EIGHTH INVENTOR Muneto Mogi		INVENTOR'S SIGNATURE		DATE
RESIDENCE Nara-ken, 630-8325, Japan		CITIZENSHIP Japanese		
POST OFFICE ADDRESS 63-23-208, Nishikitsuji-cho, Nara-shi, Nara-ken, 630-8325, Japan				
FULL NAME OF NINTH INVENTOR Hiroshi Fujishima		INVENTOR'S SIGNATURE		DATE
RESIDENCE Nara-ken, 631-0801, Japan		CITIZENSHIP Japanese		
POST OFFICE ADDRESS 3-23-25, Sakyo, Nara-shi, Nara-ken, 631-0801, Japan				
FULL NAME OF TENTH INVENTOR Tsutomu Masuda		INVENTOR'S SIGNATURE		DATE
RESIDENCE Aichi-ken, 475-0844 Japan		CITIZENSHIP Japanese		
POST OFFICE ADDRESS 180-5, Teramachi, Handa-shi, Aichi-ken, 475-0844 Japan				
FULL NAME OF ELEVENTH INVENTOR Nagahiro Yoshida		INVENTOR'S SIGNATURE		DATE
RESIDENCE Kyoto-fu, 619-0223, Japan		CITIZENSHIP Japanese		
POST OFFICE ADDRESS 5-18-15, Saganakadai, Kizu-cho, Soraku-gun, Kyoto-fu, 619-0223, Japan				
FULL NAME OF TWELFTH INVENTOR Toshiya Moriwaki		INVENTOR'S SIGNATURE		DATE
RESIDENCE Nara-ken, 630-0121, Japan		CITIZENSHIP Japanese		
POST OFFICE ADDRESS 2-25-4, Kitayamato, Ikoma-shi, Nara-ken, 630-0121, Japan				
FULL NAME OF THIRTEENTH INVENTOR		INVENTOR'S SIGNATURE		DATE
RESIDENCE		CITIZENSHIP		
POST OFFICE ADDRESS				
FULL NAME OF FOURTEENTH INVENTOR		INVENTOR'S SIGNATURE		DATE
RESIDENCE		CITIZENSHIP		
POST OFFICE ADDRESS				
FULL NAME OF FIFTEENTH INVENTOR		INVENTOR'S SIGNATURE		DATE
RESIDENCE		CITIZENSHIP		
POST OFFICE ADDRESS				
FULL NAME OF SIXTEENTH INVENTOR		INVENTOR'S SIGNATURE		DATE
RESIDENCE		CITIZENSHIP		
POST OFFICE ADDRESS				
FULL NAME OF SEVENTEENTH INVENTOR		INVENTOR'S SIGNATURE		DATE
RESIDENCE		CITIZENSHIP		
POST OFFICE ADDRESS				

RCK 40-US

9

As a below named inventor, I/we hereby declare that:

My/our residence, post office address and citizenship are as stated below next to my/our name. I/we believe I am/we are the original, first and sole/joint inventor/s of the subject matter which is claimed and for which a patent is sought on the invention entitled

**TETRAHYDRO-NAPHTHALENE DERIVATIVES AS VANILLOID RECEPTOR ANTAGONISTS**

the specification of which is attached hereto,

or was filed on November 28, 2003

as a PCT Application Serial No. PCT/EP2003/013452

I/we hereby state that I/we have reviewed and understand the contents of the above-identified specification, including the claims.

I/we acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I/we hereby claim priority benefits under Title 35, United States Code, §119 and § 119(e)(1) of any foreign and/or U.S. provisional application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

02027528.5  
(Number)

Europe  
(Country)

December 9, 2002  
(Month/Day/Year Filed)

I/we hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I/we acknowledge the duty to disclose the material information as defined in Title 37, Code of Federal Regulations, §1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Serial No.)

(Filing Date)

(Status)

(patented, pending, abandoned)

(Application Serial No.)

(Filing Date)

(Status)

(patented, pending, abandoned)

I/we hereby declare that all statements made herein of my/our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

RCK 40-US

FULL NAME OF EIGHTH INVENTOR Muneto Mogi		INVENTOR'S SIGNATURE		DATE
RESIDENCE Nara-ken, 630-8325, Japan			CITIZENSHIP Japanese	
POST OFFICE ADDRESS 63-23-208, Nishikitsuji-cho, Nara-shi, Nara-ken, 630-8325, Japan				
FULL NAME OF NINTH INVENTOR Hiroshi Fujishima		INVENTOR'S SIGNATURE		DATE
RESIDENCE Nara-ken, 631-0801, Japan			CITIZENSHIP Japanese	
POST OFFICE ADDRESS 3-23-25, Sakyo, Nara-shi, Nara-ken, 631-0801, Japan				
FULL NAME OF TENTH INVENTOR Tsutomu Masuda		INVENTOR'S SIGNATURE		DATE
RESIDENCE Aichi-ken, 475-0844 Japan			CITIZENSHIP Japanese	
POST OFFICE ADDRESS 180-5, Teramachi, Handa-shi, Aichi-ken, 475-0844 Japan				
FULL NAME OF ELEVENTH INVENTOR Nagahiro Yoshida		INVENTOR'S SIGNATURE		DATE
RESIDENCE Kyoto-fu, 619-0223, Japan			CITIZENSHIP Japanese	
POST OFFICE ADDRESS 5-18-15, Saganakadai, Kizu-cho, Soraku-gun, Kyoto-fu, 619-0223, Japan				
FULL NAME OF TWELFTH INVENTOR Toshiya Moriwaki		INVENTOR'S SIGNATURE		DATE
RESIDENCE Nara-ken, 630-0121, Japan			CITIZENSHIP Japanese	
POST OFFICE ADDRESS 2-25-4, Kitayamato, Ikoma-shi, Nara-ken, 630-0121, Japan				
FULL NAME OF THIRTEENTH INVENTOR		INVENTOR'S SIGNATURE		DATE
RESIDENCE			CITIZENSHIP	
POST OFFICE ADDRESS				
FULL NAME OF FOURTEENTH INVENTOR		INVENTOR'S SIGNATURE		DATE
RESIDENCE			CITIZENSHIP	
POST OFFICE ADDRESS				
FULL NAME OF FIFTEENTH INVENTOR		INVENTOR'S SIGNATURE		DATE
RESIDENCE			CITIZENSHIP	
POST OFFICE ADDRESS				
FULL NAME OF SIXTEENTH INVENTOR		INVENTOR'S SIGNATURE		DATE
RESIDENCE			CITIZENSHIP	
POST OFFICE ADDRESS				
FULL NAME OF SEVENTEENTH INVENTOR		INVENTOR'S SIGNATURE		DATE
RESIDENCE			CITIZENSHIP	
POST OFFICE ADDRESS				

2

Rec 11/27/PTO

18 NOV 2003

10/537210

As a below named inventor, I/we hereby declare that:

My/our residence, post office address and citizenship are as stated below next to my/our name. I/we believe I am/we are the original, first and sole/joint inventor/s of the subject matter which is claimed and for which a patent is sought on the invention entitled

**TETRAHYDRO-NAPHTHALENE DERIVATIVES AS VANILLOID RECEPTOR ANTAGONISTS**

the specification of which is attached hereto,

or was filed on **November 28, 2003**

as a PCT Application Serial No. **PCT/EP2003/013452**

I/we hereby state that I/we have reviewed and understand the contents of the above-identified specification, including the claims.

I/we acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I/we hereby claim priority benefits under Title 35, United States Code, §119 and § 119(e)(1) of any foreign and/or U.S. provisional application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

**02027528.5**  
(Number)

**Europe**  
(Country)

**December 9, 2002**  
(Month/Day/Year Filed)

I/we hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I/we acknowledge the duty to disclose the material information as defined in Title 37, Code of Federal Regulations, §1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Serial No.)	(Filing Date)	(Status)
		(patented, pending, abandoned)

(Application Serial No.)	(Filing Date)	(Status)
		(patented, pending, abandoned)

I/we hereby declare that all statements made herein of my/our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

**RCK 40-US**

FULL NAME OF EIGHTH INVENTOR Muneto Mogi		INVENTOR'S SIGNATURE		DATE
RESIDENCE Nara-ken, 630-8325, Japan			CITIZENSHIP Japanese	
POST OFFICE ADDRESS 63-23-208, Nishikitsuji-cho, Nara-shi, Nara-ken, 630-8325, Japan				
FULL NAME OF NINTH INVENTOR Hiroshi Fujishima		INVENTOR'S SIGNATURE		DATE
RESIDENCE Nara-ken, 631-0801, Japan			CITIZENSHIP Japanese	
POST OFFICE ADDRESS 3-23-25, Sakyo, Nara-shi, Nara-ken, 631-0801, Japan				
FULL NAME OF TENTH INVENTOR Tsutomu Masuda		INVENTOR'S SIGNATURE		DATE
RESIDENCE Aichi-ken, 475-0844 Japan			CITIZENSHIP Japanese	
POST OFFICE ADDRESS 180-5, Teramachi, Handa-shi, Aichi-ken, 475-0844 Japan				
FULL NAME OF ELEVENTH INVENTOR Nagahiro Yoshida		INVENTOR'S SIGNATURE		DATE
RESIDENCE Kyoto-fu, 619-0223, Japan			CITIZENSHIP Japanese	
POST OFFICE ADDRESS 5-18-15, Saganakadai, Kizu-cho, Soraku-gun, Kyoto-fu, 619-0223, Japan				
FULL NAME OF TWELFTH INVENTOR Toshiya Moriwaki		INVENTOR'S SIGNATURE		DATE
RESIDENCE Nara-ken, 630-0121, Japan			CITIZENSHIP Japanese	
POST OFFICE ADDRESS 2-25-4, Kitayamato, Ikoma-shi, Nara-ken, 630-0121, Japan				
FULL NAME OF THIRTEENTH INVENTOR		INVENTOR'S SIGNATURE		DATE
RESIDENCE			CITIZENSHIP	
POST OFFICE ADDRESS				
FULL NAME OF FOURTHEENTH INVENTOR		INVENTOR'S SIGNATURE		DATE
RESIDENCE			CITIZENSHIP	
POST OFFICE ADDRESS				
FULL NAME OF FIFTEENTH INVENTOR		INVENTOR'S SIGNATURE		DATE
RESIDENCE			CITIZENSHIP	
POST OFFICE ADDRESS				
FULL NAME OF SIXTEENTH INVENTOR		INVENTOR'S SIGNATURE		DATE
RESIDENCE			CITIZENSHIP	
POST OFFICE ADDRESS				
FULL NAME OF SEVENTEENTH INVENTOR		INVENTOR'S SIGNATURE		DATE
RESIDENCE			CITIZENSHIP	
POST OFFICE ADDRESS				

As a below named inventor, I/we hereby declare that:

My/our residence, post office address and citizenship are as stated below next to my/our name. I/we believe I am/we are the original, first and sole/joint inventor/s of the subject matter which is claimed and for which a patent is sought on the invention entitled

**TETRAHYDRO-NAPHTHALENE DERIVATIVES AS VANILLOID RECEPTOR ANTAGONISTS**

the specification of which is attached hereto,

or was filed on November 28, 2003

as a PCT Application Serial No. PCT/EP2003/013452

I/we hereby state that I/we have reviewed and understand the contents of the above-identified specification, including the claims.

I/we acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I/we hereby claim priority benefits under Title 35, United States Code, §119 and § 119(e)(1) of any foreign and/or U.S. provisional application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

02027528.5  
(Number)

Europe  
(Country)

December 9, 2002  
(Month/Day/Year Filed)

I/we hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I/we acknowledge the duty to disclose the material information as defined in Title 37, Code of Federal Regulations, §1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Serial No.)	(Filing Date)	(Status)
		(patented, pending, abandoned)

(Application Serial No.)	(Filing Date)	(Status)
		(patented, pending, abandoned)

I/we hereby declare that all statements made herein of my/our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

RCK 40-US

FULL NAME OF EIGHTH INVENTOR Muneto Mogi		INVENTOR'S SIGNATURE		DATE
RESIDENCE Nara-ken, 630-8325, Japan			CITIZENSHIP Japanese	
POST OFFICE ADDRESS 63-23-208, Nishikitsuji-cho, Nara-shi, Nara-ken, 630-8325, Japan				
FULL NAME OF NINTH INVENTOR Hiroshi Fujishima		INVENTOR'S SIGNATURE		DATE
RESIDENCE Nara-ken, 631-0801, Japan			CITIZENSHIP Japanese	
POST OFFICE ADDRESS 3-23-25, Sakyo, Nara-shi, Nara-ken, 631-0801, Japan				
FULL NAME OF TENTH INVENTOR Tsutomu Masuda		INVENTOR'S SIGNATURE		DATE
RESIDENCE Aichi-ken, 475-0844 Japan			CITIZENSHIP Japanese	
POST OFFICE ADDRESS 180-5, Teramachi, Handa-shi, Aichi-ken, 475-0844 Japan				
FULL NAME OF ELEVENTH INVENTOR Nagahiro Yoshida		INVENTOR'S SIGNATURE		DATE
RESIDENCE Kyoto-fu, 619-0223, Japan			CITIZENSHIP Japanese	
POST OFFICE ADDRESS 5-18-15, Saganakadai, Kizu-cho, Soraku-gun, Kyoto-fu, 619-0223, Japan				
FULL NAME OF TWELFTH INVENTOR Toshiya Moriwaki		INVENTOR'S SIGNATURE		DATE
RESIDENCE Nara-ken, 630-0121, Japan			CITIZENSHIP Japanese	
POST OFFICE ADDRESS 2-25-4, Kitayamato, Ikoma-shi, Nara-ken, 630-0121, Japan				
FULL NAME OF THIRTEENTH INVENTOR		INVENTOR'S SIGNATURE		DATE
RESIDENCE			CITIZENSHIP	
POST OFFICE ADDRESS				
FULL NAME OF FOURTEENTH INVENTOR		INVENTOR'S SIGNATURE		DATE
RESIDENCE			CITIZENSHIP	
POST OFFICE ADDRESS				
FULL NAME OF FIFTEENTH INVENTOR		INVENTOR'S SIGNATURE		DATE
RESIDENCE			CITIZENSHIP	
POST OFFICE ADDRESS				
FULL NAME OF SIXTEENTH INVENTOR		INVENTOR'S SIGNATURE		DATE
RESIDENCE			CITIZENSHIP	
POST OFFICE ADDRESS				
FULL NAME OF SEVENTEENTH INVENTOR		INVENTOR'S SIGNATURE		DATE
RESIDENCE			CITIZENSHIP	
POST OFFICE ADDRESS				

RCK 40-US

*R*

10/537217

As a below named inventor, I/we hereby declare that:

My/our residence, post office address and citizenship are as stated below next to my/our name. I/we believe I am/we are the original, first and sole/joint inventor/s of the subject matter which is claimed and for which a patent is sought on the invention entitled

**TETRAHYDRO-NAPHTHALENE DERIVATIVES AS VANILLOID RECEPTOR ANTAGONISTS**

the specification of which is attached hereto,

or was filed on November 28, 2003

as a PCT Application Serial No. PCT/EP2003/013452

I/we hereby state that I/we have reviewed and understand the contents of the above-identified specification, including the claims.

I/we acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I/we hereby claim priority benefits under Title 35, United States Code, §119 and § 119(e)(1) of any foreign and/or U.S. provisional application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

02027528.5  
(Number)

Europe  
(Country)

December 9, 2002  
(Month/Day/Year Filed)

I/we hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I/we acknowledge the duty to disclose the material information as defined in Title 37, Code of Federal Regulations, §1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Serial No.)

(Filing Date)

(Status)

(patented, pending, abandoned)

(Application Serial No.)

(Filing Date)

(Status)

(patented, pending, abandoned)

I/we hereby declare that all statements made herein of my/our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

RCK 40-US

FULL NAME OF EIGHTH INVENTOR Muneto Mogi		INVENTOR'S SIGNATURE		DATE
RESIDENCE Nara-ken, 630-8325, Japan		CITIZENSHIP Japanese		
POST OFFICE ADDRESS 63-23-208, Nishikitsuji-cho, Nara-shi, Nara-ken, 630-8325, Japan				
FULL NAME OF NINTH INVENTOR Hiroshi Fujishima		INVENTOR'S SIGNATURE		DATE
RESIDENCE Nara-ken, 631-0801, Japan		CITIZENSHIP Japanese		
POST OFFICE ADDRESS 3-23-25, Sakyo, Nara-shi, Nara-ken, 631-0801, Japan				
FULL NAME OF TENTH INVENTOR Tsutomu Masuda		INVENTOR'S SIGNATURE		DATE
RESIDENCE Aichi-ken, 475-0844 Japan		CITIZENSHIP Japanese		
POST OFFICE ADDRESS 180-5, Teramachi, Handa-shi, Aichi-ken, 475-0844 Japan				
FULL NAME OF ELEVENTH INVENTOR Nagahiro Yoshida		INVENTOR'S SIGNATURE		DATE
RESIDENCE Kyoto-fu, 619-0223, Japan		CITIZENSHIP Japanese		
POST OFFICE ADDRESS 5-18-15, Saganakadai, Kizu-cho, Soraku-gun, Kyoto-fu, 619-0223, Japan				
FULL NAME OF TWELFTH INVENTOR Toshiya Moriwaki		INVENTOR'S SIGNATURE		DATE
RESIDENCE Nara-ken, 630-0121, Japan		CITIZENSHIP Japanese		
POST OFFICE ADDRESS 2-25-4, Kitayamato, Ikoma-shi, Nara-ken, 630-0121, Japan				
FULL NAME OF THIRTEENTH INVENTOR		INVENTOR'S SIGNATURE		DATE
RESIDENCE		CITIZENSHIP		
POST OFFICE ADDRESS				
FULL NAME OF FOURTEENTH INVENTOR		INVENTOR'S SIGNATURE		DATE
RESIDENCE		CITIZENSHIP		
POST OFFICE ADDRESS				
FULL NAME OF FIFTEENTH INVENTOR		INVENTOR'S SIGNATURE		DATE
RESIDENCE		CITIZENSHIP		
POST OFFICE ADDRESS				
FULL NAME OF SIXTEENTH INVENTOR		INVENTOR'S SIGNATURE		DATE
RESIDENCE		CITIZENSHIP		
POST OFFICE ADDRESS				
FULL NAME OF SEVENTEENTH INVENTOR		INVENTOR'S SIGNATURE		DATE
RESIDENCE		CITIZENSHIP		
POST OFFICE ADDRESS				

2

Rec'd PTO 18 NOV 2003

As a below named inventor, I/we hereby declare that:

My/our residence, post office address and citizenship are as stated below next to my/our name. I/we believe I am/we are the original, first and sole/joint inventor/s of the subject matter which is claimed and for which a patent is sought on the invention entitled

**TETRAHYDRO-NAPHTHALENE DERIVATIVES AS VANILLOID RECEPTOR ANTAGONISTS**

the specification of which is attached hereto,

or was filed on November 28, 2003

as a PCT Application Serial No. PCT/EP2003/013452

I/we hereby state that I/we have reviewed and understand the contents of the above-identified specification, including the claims.

I/we acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I/we hereby claim priority benefits under Title 35, United States Code, §119 and § 119(e)(1) of any foreign and/or U.S. provisional application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

02027528.5  
(Number)

Europe  
(Country)

December 9, 2002  
(Month/Day/Year Filed)

I/we hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I/we acknowledge the duty to disclose the material information as defined in Title 37, Code of Federal Regulations, §1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Serial No.)

(Filing Date)

(Status)

(patented, pending, abandoned)

(Application Serial No.)

(Filing Date)

(Status)

(patented, pending, abandoned)

I/we hereby declare that all statements made herein of my/our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

RCK 40-US

FULL NAME OF EIGHTH INVENTOR Muneto Mogi		INVENTOR'S SIGNATURE		DATE
RESIDENCE Nara-ken, 630-8325, Japan			CITIZENSHIP Japanese	
POST OFFICE ADDRESS 63-23-208, Nishikitsuji-cho, Nara-shi, Nara-ken, 630-8325, Japan				
FULL NAME OF NINTH INVENTOR Hiroshi Fujishima		INVENTOR'S SIGNATURE		DATE
RESIDENCE Nara-ken, 631-0801, Japan			CITIZENSHIP Japanese	
POST OFFICE ADDRESS 3-23-25, Sakyo, Nara-shi, Nara-ken, 631-0801, Japan				
FULL NAME OF TENTH INVENTOR Tsutomu Masuda		INVENTOR'S SIGNATURE		DATE
RESIDENCE Aichi-ken, 475-0844 Japan			CITIZENSHIP Japanese	
POST OFFICE ADDRESS 180-5, Teramachi, Handa-shi, Aichi-ken, 475-0844 Japan				
FULL NAME OF ELEVENTH INVENTOR Nagahiro Yoshida		INVENTOR'S SIGNATURE		DATE
RESIDENCE Kyoto-fu, 619-0223, Japan			CITIZENSHIP Japanese	
POST OFFICE ADDRESS 5-18-15, Saganakadai, Kizu-cho, Soraku-gun, Kyoto-fu, 619-0223, Japan				
FULL NAME OF TWELFTH INVENTOR Toshiya Moriwaki		INVENTOR'S SIGNATURE		DATE
RESIDENCE Nara-ken, 630-0121, Japan			CITIZENSHIP Japanese	
POST OFFICE ADDRESS 2-25-4, Kitayamato, Ikoma-shi, Nara-ken, 630-0121, Japan				
FULL NAME OF THIRTEENTH INVENTOR		INVENTOR'S SIGNATURE		DATE
RESIDENCE			CITIZENSHIP	
POST OFFICE ADDRESS				
FULL NAME OF FOURTEENTH INVENTOR		INVENTOR'S SIGNATURE		DATE
RESIDENCE			CITIZENSHIP	
POST OFFICE ADDRESS				
FULL NAME OF FIFTEENTH INVENTOR		INVENTOR'S SIGNATURE		DATE
RESIDENCE			CITIZENSHIP	
POST OFFICE ADDRESS				
FULL NAME OF SIXTEENTH INVENTOR		INVENTOR'S SIGNATURE		DATE
RESIDENCE			CITIZENSHIP	
POST OFFICE ADDRESS				
FULL NAME OF SEVENTEENTH INVENTOR		INVENTOR'S SIGNATURE		DATE
RESIDENCE			CITIZENSHIP	
POST OFFICE ADDRESS				

2

10/537217

18 NOV 2003

10/537217

## COMBINED DECLARATION AND POWER OF ATTORNEY

ATTORNEY DOCKET NO

As a below named inventor, I/we hereby declare that:

My/our residence, post office address and citizenship are as stated below next to my/our name. I/we believe I am/we are the original, first and sole/joint inventor/s of the subject matter which is claimed and for which a patent is sought on the invention entitled

**TETRAHYDRO-NAPHTHALENE DERIVATIVES AS VANILLOID RECEPTOR ANTAGONISTS**

the specification of which is attached hereto,

or was filed on November 28, 2003

as a PCT Application Serial No. PCT/EP2003/013452

I/we hereby state that I/we have reviewed and understand the contents of the above-identified specification, including the claims.

I/we acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I/we hereby claim priority benefits under Title 35, United States Code, §119 and § 119(e)(1) of any foreign and/or U.S. provisional application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

02027528.5  
(Number)

Europe  
(Country)

December 9, 2002  
(Month/Day/Year Filed)

I/we hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I/we acknowledge the duty to disclose the material information as defined in Title 37, Code of Federal Regulations, §1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Serial No.)	(Filing Date)	(Status)
		(patented, pending, abandoned)

(Application Serial No.)	(Filing Date)	(Status)
		(patented, pending, abandoned)

I/we hereby declare that all statements made herein of my/our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

RCK 40-US

FULL NAME OF EIGHTH INVENTOR Muneto Mogi		INVENTOR'S SIGNATURE		DATE
RESIDENCE Nara-ken, 630-8325, Japan		CITIZENSHIP Japanese		
POST OFFICE ADDRESS 63-23-208, Nishikitsuji-cho, Nara-shi, Nara-ken, 630-8325, Japan				
FULL NAME OF NINTH INVENTOR Hiroshi Fujishima		INVENTOR'S SIGNATURE		DATE
RESIDENCE Nara-ken, 631-0801, Japan		CITIZENSHIP Japanese		
POST OFFICE ADDRESS 3-23-25, Sakyo, Nara-shi, Nara-ken, 631-0801, Japan				
FULL NAME OF TENTH INVENTOR Tsutomu Masuda		INVENTOR'S SIGNATURE		DATE
RESIDENCE Aichi-ken, 475-0844 Japan		CITIZENSHIP Japanese		
POST OFFICE ADDRESS 180-5, Teramachi, Handa-shi, Aichi-ken, 475-0844 Japan				
FULL NAME OF ELEVENTH INVENTOR Nagahiro Yoshida		INVENTOR'S SIGNATURE		DATE
RESIDENCE Kyoto-fu, 619-0223, Japan		CITIZENSHIP Japanese		
POST OFFICE ADDRESS 5-18-15, Saganakadai, Kizu-cho, Soraku-gun, Kyoto-fu, 619-0223, Japan				
FULL NAME OF TWELFTH INVENTOR Toshiya Moriwaki		INVENTOR'S SIGNATURE		DATE
RESIDENCE Nara-ken, 630-0121, Japan		CITIZENSHIP Japanese		
POST OFFICE ADDRESS 2-25-4, Kitayamato, Ikoma-shi, Nara-ken, 630-0121, Japan				
FULL NAME OF THIRTEENTH INVENTOR		INVENTOR'S SIGNATURE		DATE
RESIDENCE		CITIZENSHIP		
POST OFFICE ADDRESS				
FULL NAME OF FOURTEENTH INVENTOR		INVENTOR'S SIGNATURE		DATE
RESIDENCE		CITIZENSHIP		
POST OFFICE ADDRESS				
FULL NAME OF FIFTEENTH INVENTOR		INVENTOR'S SIGNATURE		DATE
RESIDENCE		CITIZENSHIP		
POST OFFICE ADDRESS				
FULL NAME OF SIXTEENTH INVENTOR		INVENTOR'S SIGNATURE		DATE
RESIDENCE		CITIZENSHIP		
POST OFFICE ADDRESS				
FULL NAME OF SEVENTEENTH INVENTOR		INVENTOR'S SIGNATURE		DATE
RESIDENCE		CITIZENSHIP		
POST OFFICE ADDRESS				

RCK 40-US

2

## COMBINED DECLARATION AND POWER OF ATTORNEY

ATTORNEY DOCKET NO.

10/537217

As a below named inventor, I/we hereby declare that:

My/our residence, post office address and citizenship are as stated below next to my/our name. I/we believe I am/we are the original, first and sole/joint inventor/s of the subject matter which is claimed and for which a patent is sought on the invention entitled

**TETRAHYDRO-NAPHTHALENE DERIVATIVES AS VANILLOID RECEPTOR ANTAGONISTS**

the specification of which is attached hereto,

or was filed on November 28, 2003

as a PCT Application Serial No. PCT/EP2003/013452

I/we hereby state that I/we have reviewed and understand the contents of the above-identified specification, including the claims.

I/we acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I/we hereby claim priority benefits under Title 35, United States Code, §119 and § 119(e)(1) of any foreign and/or U.S. provisional application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

02027528.5  
(Number)

Europe  
(Country)

December 9, 2002  
(Month/Day/Year Filed)

I/we hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I/we acknowledge the duty to disclose the material information as defined in Title 37, Code of Federal Regulations, §1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Serial No.)	(Filing Date)	(Status)
		(patented, pending, abandoned)

(Application Serial No.)	(Filing Date)	(Status)
		(patented, pending, abandoned)

I/we hereby declare that all statements made herein of my/our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

RCK 40-US

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Jeffrey M. Greenman, Reg.No. 26,552  
Tilman Breitenstein, Limited Recognition under 37 C.F.R. § 11.9(b)  
Jerrie L. Chiu, Reg. No. 41,670  
William F. Gray, Reg. No. 31,018  
Susan M. Pellegrino, Reg. No. 48,972  
Barbara A. Shimei, Reg. No. 29,862

Address all written correspondence to Customer No. 35969 Mr. Jeffrey M. Greenman Bayer Pharmaceuticals Corporation 400 Morgan Lane West Haven, Connecticut 06516	Direct Telephone Calls To:  (203)812-3964(Jerrie L. Chiu)
--	---

FULL NAME OF SOLE OR FIRST INVENTOR Masaomi Tajimi	INVENTOR'S SIGNATURE	DATE
RESIDENCE Aichi-ken, 478-0044, Japan	CITIZENSHIP Japanese	
POST OFFICE ADDRESS 762 Kyokutoudai, Chita-shi, Aichi-ken, 478-0044, Japan		
FULL NAME OF SECOND INVENTOR Toshio Kokubo	INVENTOR'S SIGNATURE	DATE
RESIDENCE Nara-ken, 631-0804, Japan	CITIZENSHIP Japanese	
POST OFFICE ADDRESS 3-15-18B, Jingu, Nara-shi, Nara-ken, 631-0804, Japan		
FULL NAME OF THIRD INVENTOR Masahiro Shiroyo	INVENTOR'S SIGNATURE	DATE
RESIDENCE Cambridge CB1 5BE, Great-Britain	CITIZENSHIP Japanese	
POST OFFICE ADDRESS 20 Lady Jermy Way, Teversham, Cambridge CB1 5BE, Great-Britain		
FULL NAME OF FOURTH INVENTOR Yasuhiro Tsukimi	INVENTOR'S SIGNATURE	DATE
RESIDENCE Hyogo-ken, 661-0975 Japan	CITIZENSHIP Japanese	
POST OFFICE ADDRESS 2-10-6, Shimosakabe, Amagasaki-shi, Hyogo-ken, 661-0975 Japan		
FULL NAME OF FIFTH INVENTOR Takeshi Yura	INVENTOR'S SIGNATURE	DATE
RESIDENCE Aichi-ken, 475-0928, Japan	CITIZENSHIP Japanese	
POST OFFICE ADDRESS 3-11-6-101, Kirigaoka, Handa-shi, Aichi-ken, 475-0928, Japan		
FULL NAME OF SIXTH INVENTOR Klaus Urbahns	INVENTOR'S SIGNATURE	DATE
RESIDENCE 22351 Lund, Sweden	CITIZENSHIP German	
POST OFFICE ADDRESS Martenstorget 8, 22351 Lund, Sweden		
FULL NAME OF SEVENTH INVENTOR Noriyuki Yamamoto	INVENTOR'S SIGNATURE	DATE
RESIDENCE Osaka-fu, 577-0013, Japan	CITIZENSHIP Japanese	
POST OFFICE ADDRESS 2-1-11-1001, Nagatanaka, Higashiosaka-shi, Osaka-fu, 577-0013, Japan		

RCK 40-US

As a below named inventor, I/we hereby declare that:

My/our residence, post office address and citizenship are as stated below next to my/our name. I/we believe I am/we are the original, first and sole/joint inventor/s of the subject matter which is claimed and for which a patent is sought on the invention entitled

**TETRAHYDRO-NAPHTHALENE DERIVATIVES AS VANILLOID RECEPTOR ANTAGONISTS**

the specification of which is attached hereto,

or was filed on November 28, 2003

as a PCT Application Serial No. PCT/EP2003/013452

I/we hereby state that I/we have reviewed and understand the contents of the above-identified specification, including the claims.

I/we acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I/we hereby claim priority benefits under Title 35, United States Code, §119 and § 119(e)(1) of any foreign and/or U.S. provisional application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

02027528.5  
 (Number)

Europe  
 (Country)

December 9, 2002  
 (Month/Day/Year Filed)

I/we hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I/we acknowledge the duty to disclose the material information as defined in Title 37, Code of Federal Regulations, §1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Serial No.)	(Filing Date)	(Status)
		(patented, pending, abandoned)
(Application Serial No.)	(Filing Date)	(Status)
		(patented, pending, abandoned)

I/we hereby declare that all statements made herein of my/our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

RCK 40-US

**POWER OF ATTORNEY:** As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Jeffrey M. Greenman, Reg.No. 26,552

Tilman Breitenstein, Limited Recognition under 37 C.F.R. § 11.9(b)

Jerrie L. Chiu, Reg. No. 41,670

William F. Gray, Reg. No. 31,018

Susan M. Pellegrino, Reg. No. 48,972

Barbara A. Shimei, Reg. No. 29,862

Address all written correspondence to Customer No. 35969 Mr. Jeffrey M. Greenman Bayer Pharmaceuticals Corporation 400 Morgan Lane West Haven, Connecticut 06516	Direct Telephone Calls To:  (203)812-3964(Jerrie L. Chiu)
--	---

FULL NAME OF SOLE OR FIRST INVENTOR Masaomi Tajimi	INVENTOR'S SIGNATURE	DATE
RESIDENCE Aichi-ken, 478-0044, Japan	CITIZENSHIP Japanese	
POST OFFICE ADDRESS 762 Kyokutoudai, Chita-shi, Aichi-ken, 478-0044, Japan		
FULL NAME OF SECOND INVENTOR Toshio Kokubo	INVENTOR'S SIGNATURE	DATE
RESIDENCE Nara-ken, 631-0804, Japan	CITIZENSHIP Japanese	
POST OFFICE ADDRESS 3-15-18B, Jingu, Nara-shi, Nara-ken, 631-0804, Japan		
FULL NAME OF THIRD INVENTOR Masahiro Shiroo	INVENTOR'S SIGNATURE	DATE
RESIDENCE Cambridge CB1 5BE, Great-Britain	CITIZENSHIP Japanese	
POST OFFICE ADDRESS 20 Lady Jermy Way, Teversham, Cambridge CB1 5BE, Great-Britain		
FULL NAME OF FOURTH INVENTOR Yasuhiro Tsukimi	INVENTOR'S SIGNATURE	DATE
RESIDENCE Hyogo-ken, 661-0975 Japan	CITIZENSHIP Japanese	
POST OFFICE ADDRESS 2-10-6, Shimosakabe, Amagasaki-shi, Hyogo-ken, 661-0975 Japan		
FULL NAME OF FIFTH INVENTOR Takeshi Yura	INVENTOR'S SIGNATURE	DATE
RESIDENCE Aichi-ken, 475-0928, Japan	CITIZENSHIP Japanese	
POST OFFICE ADDRESS 3-11-6-101, Kirigaoka, Handa-shi, Aichi-ken, 475-0928, Japan		
FULL NAME OF SIXTH INVENTOR Klaus Urbahns	INVENTOR'S SIGNATURE	DATE
RESIDENCE 22351 Lund, Sweden	CITIZENSHIP German	
POST OFFICE ADDRESS Martenstorget 8, 22351 Lund, Sweden		
FULL NAME OF SEVENTH INVENTOR Noriyuki Yamamoto	INVENTOR'S SIGNATURE	DATE
RESIDENCE Osaka-fu, 577-0013, Japan	CITIZENSHIP Japanese	
POST OFFICE ADDRESS 2-1-11-1001, Nagatanaka, Higashiosaka-shi, Osaka-fu, 577-0013, Japan		

RCK 40-US



As a below named inventor, I/we hereby declare that:

My/our residence, post office address and citizenship are as stated below next to my/our name. I/we believe I am/we are the original, first and sole/joint inventor/s of the subject matter which is claimed and for which a patent is sought on the invention entitled

**TETRAHYDRO-NAPHTHALENE DERIVATIVES AS VANILLOID RECEPTOR ANTAGONISTS**

the specification of which is attached hereto,

or was filed on November 28, 2003

as a PCT Application Serial No. PCT/EP2003/013452

I/we hereby state that I/we have reviewed and understand the contents of the above-identified specification, including the claims:

I/we acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I/we hereby claim priority benefits under Title 35, United States Code, §119 and § 119(e)(1) of any foreign and/or U.S. provisional application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

02027528.5  
(Number)

Europe  
(Country)

December 9, 2002  
(Month/Day/Year Filed)

I/we hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I/we acknowledge the duty to disclose the material information as defined in Title 37, Code of Federal Regulations, §1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Serial No.)	(Filing Date)	(Status)
		(patented, pending, abandoned)

(Application Serial No.)	(Filing Date)	(Status)
		(patented, pending, abandoned)

I/we hereby declare that all statements made herein of my/our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

RCK 40-US

2


POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Jeffrey M. Greenman, Reg.No. 26,552  
Tilman Breitenstein, Limited Recognition under 37 C.F.R. § 11.9(b)  
Jerrie L. Chiu, Reg. No. 41,670  
William F. Gray, Reg. No. 31,018  
Susan M. Pellegrino, Reg. No. 48,972  
Barbara A. Shimei, Reg. No. 29,862

Address all written correspondence to Customer No. 35969 Mr. Jeffrey M. Greenman Bayer Pharmaceuticals Corporation 400 Morgan Lane West Haven, Connecticut 06516	Direct Telephone Calls To:  (203)812-3964(Jerrie L. Chiu)
--	---

FULL NAME OF SOLE OR FIRST INVENTOR Masaomi Tajimi	INVENTOR'S SIGNATURE	DATE
RESIDENCE Aichi-ken, 478-0044, Japan	CITIZENSHIP Japanese	
POST OFFICE ADDRESS 762 Kyokutoudai, Chita-shi, Aichi-ken, 478-0044, Japan		
FULL NAME OF SECOND INVENTOR Toshio Kokubo	INVENTOR'S SIGNATURE	DATE
RESIDENCE Nara-ken, 631-0804, Japan	CITIZENSHIP Japanese	
POST OFFICE ADDRESS 3-15-18B, Jingu, Nara-shi, Nara-ken, 631-0804, Japan		
FULL NAME OF THIRD INVENTOR Masahiro Shiroo	INVENTOR'S SIGNATURE	DATE
RESIDENCE Cambridge CB1 5BE, Great-Britain	CITIZENSHIP Japanese	
POST OFFICE ADDRESS 20 Lady Jermy Way, Teversham, Cambridge CB1 5BE, Great-Britain		
FULL NAME OF FOURTH INVENTOR Yasuhiro Tsukimi	INVENTOR'S SIGNATURE	DATE
RESIDENCE Hyogo-ken, 661-0975 Japan	CITIZENSHIP Japanese	
POST OFFICE ADDRESS 2-10-6, Shimosakabe, Amagasaki-shi, Hyogo-ken, 661-0975 Japan		
FULL NAME OF FIFTH INVENTOR Takeshi Yura	INVENTOR'S SIGNATURE	DATE
RESIDENCE Aichi-ken, 475-0928, Japan	CITIZENSHIP Japanese	
POST OFFICE ADDRESS 3-11-6-101, Kirigaoka, Handa-shi, Aichi-ken, 475-0928, Japan		
FULL NAME OF SIXTH INVENTOR Klaus Urbahns	INVENTOR'S SIGNATURE	DATE
RESIDENCE 22351 Lund, Sweden	CITIZENSHIP German	
POST OFFICE ADDRESS Martenstorget 8, 22351 Lund, Sweden		
FULL NAME OF SEVENTH INVENTOR Noriyuki Yamamoto	INVENTOR'S SIGNATURE	DATE
RESIDENCE Osaka-fu, 577-0013, Japan	CITIZENSHIP Japanese	
POST OFFICE ADDRESS 2-1-11-1001, Nagatanaka, Higashiosaka-shi, Osaka-fu, 577-0013, Japan		

RCK 40-US



As a below named inventor, I/we hereby declare that:

My/our residence, post office address and citizenship are as stated below next to my/our name. I/we believe I am/we are the original, first and sole/joint inventor/s of the subject matter which is claimed and for which a patent is sought on the invention entitled

**TETRAHYDRO-NAPHTHALENE DERIVATIVES AS VANILLOID RECEPTOR ANTAGONISTS**

the specification of which is attached hereto,

or was filed on November 28, 2003

as a PCT Application Serial No. PCT/EP2003/013452

I/we hereby state that I/we have reviewed and understand the contents of the above-identified specification, including the claims.

I/we acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I/we hereby claim priority benefits under Title 35, United States Code, §119 and § 119(e)(1) of any foreign and/or U.S. provisional application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

02027528.5  
 (Number)

Europe  
 (Country)

December 9, 2002  
 (Month/Day/Year Filed)

I/we hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I/we acknowledge the duty to disclose the material information as defined in Title 37, Code of Federal Regulations, §1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Serial No.)	(Filing Date)	(Status)
		(patented, pending, abandoned)
(Application Serial No.)	(Filing Date)	(Status)
		(patented, pending, abandoned)

I/we hereby declare that all statements made herein of my/our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

RCK 40-US

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Jeffrey M. Greenman, Reg.No. 26,552  
Tilman Breitenstein, Limited Recognition under 37 C.F.R. § 11.9(b)  
Jerrie L. Chiu, Reg. No. 41,670  
William F. Gray, Reg. No. 31,018  
Susan M. Pellegrino, Reg. No. 48,972  
Barbara A. Shimei, Reg. No. 29,862

Address all written correspondence to Customer No. 35969 Mr. Jeffrey M. Greenman Bayer Pharmaceuticals Corporation 400 Morgan Lane West Haven, Connecticut 06516	Direct Telephone Calls To:  (203)812-3964(Jerrie L. Chiu)
--	---

FULL NAME OF SOLE OR FIRST INVENTOR Masaomi Tajimi	INVENTOR'S SIGNATURE	DATE
RESIDENCE Aichi-ken, 478-0044, Japan	CITIZENSHIP Japanese	
POST OFFICE ADDRESS 762 Kyokutoudai, Chita-shi, Aichi-ken, 478-0044, Japan		
FULL NAME OF SECOND INVENTOR Toshio Kokubo	INVENTOR'S SIGNATURE	DATE
RESIDENCE Nara-ken, 631-0804, Japan	CITIZENSHIP Japanese	
POST OFFICE ADDRESS 3-15-18B, Jingu, Nara-shi, Nara-ken, 631-0804, Japan		
FULL NAME OF THIRD INVENTOR Masahiro Shiroyo	INVENTOR'S SIGNATURE	DATE
RESIDENCE Cambridge CB1 5BE, Great-Britain	CITIZENSHIP Japanese	
POST OFFICE ADDRESS 20 Lady Jermy Way, Teversham, Cambridge CB1 5BE, Great-Britain		
FULL NAME OF FOURTH INVENTOR Yasuhiro Tsukimi	INVENTOR'S SIGNATURE	DATE
RESIDENCE Hyogo-ken, 661-0975 Japan	CITIZENSHIP Japanese	
POST OFFICE ADDRESS 2-10-6, Shimosakabe, Amagasaki-shi, Hyogo-ken, 661-0975 Japan		
FULL NAME OF FIFTH INVENTOR Takeshi Yura	INVENTOR'S SIGNATURE	DATE
RESIDENCE Aichi-ken, 475-0928, Japan	CITIZENSHIP Japanese	
POST OFFICE ADDRESS 3-11-6-101, Kirigaoka, Handa-shi, Aichi-ken, 475-0928, Japan		
FULL NAME OF SIXTH INVENTOR Klaus Urbahns	INVENTOR'S SIGNATURE	DATE
RESIDENCE 22351 Lund, Sweden	CITIZENSHIP German	
POST OFFICE ADDRESS Martenstorget 8, 22351 Lund, Sweden		
FULL NAME OF SEVENTH INVENTOR Noriyuki Yamamoto	INVENTOR'S SIGNATURE	DATE
RESIDENCE Osaka-fu, 577-0013, Japan	CITIZENSHIP Japanese	
POST OFFICE ADDRESS 2-1-11-1001, Nagatanaka, Higashiosaka-shi, Osaka-fu, 577-0013, Japan		

RCK 40-US



PCT/EP2003/013452

18 NOV 2003

As a below named inventor, I/we hereby declare that:

My/our residence, post office address and citizenship are as stated below next to my/our name. I/we believe I am/we are the original, first and sole/joint inventor/s of the subject matter which is claimed and for which a patent is sought on the invention entitled

**TETRAHYDRO-NAPHTHALENE DERIVATIVES AS VANILLOID RECEPTOR ANTAGONISTS**

the specification of which is attached hereto,

or was filed on November 28, 2003

as a PCT Application Serial No. PCT/EP2003/013452

I/we hereby state that I/we have reviewed and understand the contents of the above-identified specification, including the claims.

I/we acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I/we hereby claim priority benefits under Title 35, United States Code, §119 and § 119(e)(1) of any foreign and/or U.S. provisional application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

02027528.5  
(Number)

Europe  
(Country)

December 9, 2002  
(Month/Day/Year Filed)

I/we hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I/we acknowledge the duty to disclose the material information as defined in Title 37, Code of Federal Regulations, §1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Serial No.)

(Filing Date)

(Status)

(patented, pending, abandoned)

(Application Serial No.)

(Filing Date)

(Status)

(patented, pending, abandoned)

I/we hereby declare that all statements made herein of my/our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

RCK 40-US

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Jeffrey M. Greenman, Reg.No. 26,552  
 Tilman Breitenstein, Limited Recognition under 37 C.F.R. § 11.9(b)  
 Jerrie L. Chiu, Reg. No. 41,670  
 William F. Gray, Reg. No. 31,018  
 Susan M. Pellegrino, Reg. No. 48,972  
 Barbara A. Shimei, Reg. No. 29,862

Address all written correspondence to Customer No. 35969 Mr. Jeffrey M. Greenman Bayer Pharmaceuticals Corporation 400 Morgan Lane West Haven, Connecticut 06516	Direct Telephone Calls To: (203)812-3964(Jerrie L. Chiu)
--	---

FULL NAME OF SOLE OR FIRST INVENTOR Masaomi Tajimi	INVENTOR'S SIGNATURE	DATE
RESIDENCE Aichi-ken, 478-0044, Japan	CITIZENSHIP Japanese	
POST OFFICE ADDRESS 762 Kyokutoudai, Chita-shi, Aichi-ken, 478-0044, Japan		
FULL NAME OF SECOND INVENTOR Toshio Kokubo	INVENTOR'S SIGNATURE	DATE
RESIDENCE Nara-ken, 631-0804, Japan	CITIZENSHIP Japanese	
POST OFFICE ADDRESS 3-15-18B, Jingu, Nara-shi, Nara-ken, 631-0804, Japan		
FULL NAME OF THIRD INVENTOR Masahiro Shiroo	INVENTOR'S SIGNATURE	DATE
RESIDENCE Cambridge CB1 5BE, Great-Britain	CITIZENSHIP Japanese	
POST OFFICE ADDRESS 20 Lady Jermy Way, Teversham, Cambridge CB1 5BE, Great-Britain		
FULL NAME OF FOURTH INVENTOR Yasuhiro Tsukimi	INVENTOR'S SIGNATURE	DATE
RESIDENCE Hyogo-ken, 661-0975 Japan	CITIZENSHIP Japanese	
POST OFFICE ADDRESS 2-10-6, Shimosakabe, Amagasaki-shi, Hyogo-ken, 661-0975 Japan		
FULL NAME OF FIFTH INVENTOR Takeshi Yura	INVENTOR'S SIGNATURE	DATE
RESIDENCE Aichi-ken, 475-0928, Japan	CITIZENSHIP Japanese	
POST OFFICE ADDRESS 3-11-6-101, Kirigaoka, Handa-shi, Aichi-ken, 475-0928, Japan		
FULL NAME OF SIXTH INVENTOR Klaus Urbahns	INVENTOR'S SIGNATURE	DATE
RESIDENCE 22351 Lund, Sweden	CITIZENSHIP German	
POST OFFICE ADDRESS Martenstorget 8, 22351 Lund, Sweden		
FULL NAME OF SEVENTH INVENTOR Noriyuki Yamamoto	INVENTOR'S SIGNATURE	DATE
RESIDENCE Osaka-fu, 577-0013, Japan	CITIZENSHIP Japanese	
POST OFFICE ADDRESS 2-1-11-1001, Nagatanaka, Higashiosaka-shi, Osaka-fu, 577-0013, Japan		

RCK 40-US



POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

5 Jeffrey M. Greenman, Reg. No. 26,552

Tilman Breitenstein, Limited Recognition under 37 C.F.R. § 11.9(b)

Jerrie L. Chiu, Reg. No. 41,670

William F. Gray, Reg. No. 31,018

Susan M. Pellegrino, Reg. No. 48,972

Barbara A. Shimei, Reg. No. 29,862

Address all written correspondence to Customer No. <u>35969</u> Mr. Jeffrey M. Greenman Bayer Pharmaceuticals Corporation 400 Morgan Lane West Haven, Connecticut 06516	Direct Telephone Calls To:  (203)812-3964(Jerrie L. Chiu)
---	---

FULL NAME OF SOLE OR FIRST INVENTOR Masaomi Tajimi		INVENTOR'S SIGNATURE <i>M. Tajimi</i>	DATE May 20, 2005
RESIDENCE Aichi-ken, 478-0044, Japan JPX		CITIZENSHIP Japanese	
POST OFFICE ADDRESS 762 Kyokutoudai, Chita-shi, Aichi-ken, 478-0044, Japan			
FULL NAME OF SECOND INVENTOR Toshio Kokubo		INVENTOR'S SIGNATURE	DATE
RESIDENCE Nara-ken, 631-0804, Japan		CITIZENSHIP Japanese	
POST OFFICE ADDRESS 3-15-18B, Jingu, Nara-shi, Nara-ken, 631-0804, Japan			
FULL NAME OF THIRD INVENTOR Masahiro Shiroo		INVENTOR'S SIGNATURE	DATE
RESIDENCE Cambridge CB1 5BE, Great-Britain		CITIZENSHIP Japanese	
POST OFFICE ADDRESS 20 Lady Jermy Way, Teversham, Cambridge CB1 5BE, Great-Britain			
FULL NAME OF FOURTH INVENTOR Yasuhiro Tsukimi		INVENTOR'S SIGNATURE	DATE
RESIDENCE Hyogo-ken, 661-0975 Japan		CITIZENSHIP Japanese	
POST OFFICE ADDRESS 2-10-6, Shimosakabe, Amagasaki-shi, Hyogo-ken, 661-0975 Japan			
FULL NAME OF FIFTH INVENTOR Takeshi Yura		INVENTOR'S SIGNATURE	DATE
RESIDENCE Aichi-ken, 475-0928, Japan		CITIZENSHIP Japanese	
POST OFFICE ADDRESS 3-11-6-101, Kirigaoka, Handa-shi, Aichi-ken, 475-0928, Japan			
FULL NAME OF SIXTH INVENTOR Klaus Urbahns		INVENTOR'S SIGNATURE	DATE
RESIDENCE 22351 Lund, Sweden		CITIZENSHIP German	
POST OFFICE ADDRESS Martenstorget 8, 22351 Lund, Sweden			
FULL NAME OF SEVENTH INVENTOR Noriyuki Yamamoto		INVENTOR'S SIGNATURE	DATE
RESIDENCE Osaka-fu, 577-0013, Japan		CITIZENSHIP Japanese	
POST OFFICE ADDRESS 2-1-11-1001, Nagatanaka, Higashiosaka-shi, Osaka-fu, 577-0013, Japan			

RCK 40-US

*2*

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Jeffrey M. Greenman, Reg.No. 26,552  
Tilman Breitenstein, Limited Recognition under 37 C.F.R. § 11.9(b)  
Jerrie L. Chiu, Reg. No. 41,670  
William F. Gray, Reg. No. 31,018  
Susan M. Pellegrino, Reg. No. 48,972  
Barbara A. Shimei, Reg. No. 29,862

Address all written correspondence to Customer No. 35969 Mr. Jeffrey M. Greenman Bayer Pharmaceuticals Corporation 400 Morgan Lane West Haven, Connecticut 06516	Direct Telephone Calls To:  (203)812-3964(Jerrie L. Chiu)
--	---

FULL NAME OF SOLE OR FIRST INVENTOR Masaomi Tajimi	INVENTOR'S SIGNATURE	DATE
RESIDENCE Aichi-ken, 478-0044, Japan	CITIZENSHIP Japanese	
POST OFFICE ADDRESS 762 Kyokutoudai, Chita-shi, Aichi-ken, 478-0044, Japan		
FULL NAME OF SECOND INVENTOR Toshio Kokubo	INVENTOR'S SIGNATURE <i>Toshio Kokubo</i>	DATE June 8, 2005
RESIDENCE Nara-ken, 631-0804, Japan JAX	CITIZENSHIP Japanese	
POST OFFICE ADDRESS 3-15-18B, Jingu, Nara-shi, Nara-ken, 631-0804, Japan		
FULL NAME OF THIRD INVENTOR Masahiro Shiroo	INVENTOR'S SIGNATURE	DATE
RESIDENCE Cambridge CB1 5BE, Great-Britain	CITIZENSHIP Japanese	
POST OFFICE ADDRESS 20 Lady Jermy Way, Teversham, Cambridge CB1 5BE, Great-Britain		
FULL NAME OF FOURTH INVENTOR Yasuhiro Tsukimi	INVENTOR'S SIGNATURE	DATE
RESIDENCE Hyogo-ken, 661-0975 Japan	CITIZENSHIP Japanese	
POST OFFICE ADDRESS 2-10-6, Shimosakabe, Amagasaki-shi, Hyogo-ken, 661-0975 Japan		
FULL NAME OF FIFTH INVENTOR Takeshi Yura	INVENTOR'S SIGNATURE	DATE
RESIDENCE Aichi-ken, 475-0928, Japan	CITIZENSHIP Japanese	
POST OFFICE ADDRESS 3-11-6-101, Kirigaoka, Handa-shi, Aichi-ken, 475-0928, Japan		
FULL NAME OF SIXTH INVENTOR Klaus Urbahns	INVENTOR'S SIGNATURE	DATE
RESIDENCE 22351 Lund, Sweden	CITIZENSHIP German	
POST OFFICE ADDRESS Martenstorget 8, 22351 Lund, Sweden		
FULL NAME OF SEVENTH INVENTOR Noriyuki Yamamoto	INVENTOR'S SIGNATURE	DATE
RESIDENCE Osaka-fu, 577-0013, Japan	CITIZENSHIP Japanese	
POST OFFICE ADDRESS 2-1-11-1001, Nagatanaka, Higashiosaka-shi, Osaka-fu, 577-0013, Japan		

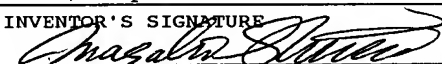
RCK 40-US

*Handwritten mark*

**POWER OF ATTORNEY:** As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Jeffrey M. Greenman, Reg.No. 26,552  
Tilman Breitenstein, Limited Recognition under 37 C.F.R. § 11.9(b)  
Jerrie L. Chiu, Reg. No. 41,670  
William F. Gray, Reg. No. 31,018  
Susan M. Pellegrino, Reg. No. 48,972  
Barbara A. Shimei, Reg. No. 29,862

Address all written correspondence to Customer No. 35969 Mr. Jeffrey M. Greenman Bayer Pharmaceuticals Corporation 400 Morgan Lane West Haven, Connecticut 06516	Direct Telephone Calls To: (203)812-3964(Jerrie L. Chiu)
--	---

FULL NAME OF SOLE OR FIRST INVENTOR Masaomi Tajimi	INVENTOR'S SIGNATURE	DATE
RESIDENCE Aichi-ken, 478-0044, Japan	CITIZENSHIP Japanese	
POST OFFICE ADDRESS 762 Kyokutoudai, Chita-shi, Aichi-ken, 478-0044, Japan		
FULL NAME OF SECOND INVENTOR Toshio Kokubo	INVENTOR'S SIGNATURE	DATE
RESIDENCE Nara-ken, 631-0804, Japan	CITIZENSHIP Japanese	
POST OFFICE ADDRESS 3-15-18B, Jingu, Nara-shi, Nara-ken, 631-0804, Japan		
FULL NAME OF THIRD INVENTOR Masahiro Shiroo	INVENTOR'S SIGNATURE 	DATE June 20, 2005
RESIDENCE Cambridge CB1 5BE, Great-Britain GBN	CITIZENSHIP Japanese	
POST OFFICE ADDRESS 20 Lady Jermy Way, Teversham, Cambridge CB1 5BE, Great-Britain		
FULL NAME OF FOURTH INVENTOR Yasuhiro Tsukimi	INVENTOR'S SIGNATURE	DATE
RESIDENCE Hyogo-ken, 661-0975 Japan	CITIZENSHIP Japanese	
POST OFFICE ADDRESS 2-10-6, Shimosakabe, Amagasaki-shi, Hyogo-ken, 661-0975 Japan		
FULL NAME OF FIFTH INVENTOR Takeshi Yura	INVENTOR'S SIGNATURE	DATE
RESIDENCE Aichi-ken, 475-0928, Japan	CITIZENSHIP Japanese	
POST OFFICE ADDRESS 3-11-6-101, Kirigaoka, Handa-shi, Aichi-ken, 475-0928, Japan		
FULL NAME OF SIXTH INVENTOR Klaus Urbahns	INVENTOR'S SIGNATURE	DATE
RESIDENCE 22351 Lund, Sweden	CITIZENSHIP German	
POST OFFICE ADDRESS Martenstorget 8, 22351 Lund, Sweden		
FULL NAME OF SEVENTH INVENTOR Noriyuki Yamamoto	INVENTOR'S SIGNATURE	DATE
RESIDENCE Osaka-fu, 577-0013, Japan	CITIZENSHIP Japanese	
POST OFFICE ADDRESS 2-1-11-1001, Nagatanaka, Higashiosaka-shi, Osaka-fu, 577-0013, Japan		

RCK 40-US

**POWER OF ATTORNEY:** As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Jeffrey M. Greenman, Reg. No. 26,552  
 Tilman Breitenstein, Limited Recognition under 37 C.F.R. § 11.9(b)  
 Jerrie L. Chiu, Reg. No. 41,670  
 William F. Gray, Reg. No. 31,018  
 Susan M. Pellegrino, Reg. No. 48,972  
 Barbara A. Shimei, Reg. No. 29,862

Address all written correspondence to Customer No. 35969 Mr. Jeffrey M. Greenman Bayer Pharmaceuticals Corporation 400 Morgan Lane West Haven, Connecticut 06516	Direct Telephone Calls To: (203)812-3964(Jerrie L. Chiu)
--	---

FULL NAME OF SOLE OR FIRST INVENTOR Masaomi Tajimi	INVENTOR'S SIGNATURE	DATE
RESIDENCE Aichi-ken, 478-0044, Japan	CITIZENSHIP Japanese	
POST OFFICE ADDRESS 762 Kyokutoudai, Chita-shi, Aichi-ken, 478-0044, Japan		
FULL NAME OF SECOND INVENTOR Toshio Kokubo	INVENTOR'S SIGNATURE	DATE
RESIDENCE Nara-ken, 631-0804, Japan	CITIZENSHIP Japanese	
POST OFFICE ADDRESS 3-15-18B, Jingu, Nara-shi, Nara-ken, 631-0804, Japan		
FULL NAME OF THIRD INVENTOR Masahiro Shiroyo	INVENTOR'S SIGNATURE	DATE
RESIDENCE Cambridge CB1 5BE, Great-Britain	CITIZENSHIP Japanese	
POST OFFICE ADDRESS 20 Lady Jermy Way, Teversham, Cambridge CB1 5BE, Great-Britain		
42 FULL NAME OF FOURTH INVENTOR Yasuhiro Tsukimi	INVENTOR'S SIGNATURE <i>Y. Tsukimi</i>	DATE May 20, 2005
RESIDENCE Hyogo-ken, 661-0975 Japan J&X	CITIZENSHIP Japanese	
POST OFFICE ADDRESS 2-10-6, Shimosakabe, Amagasaki-shi, Hyogo-ken, 661-0975 Japan		
FULL NAME OF FIFTH INVENTOR Takeshi Yura	INVENTOR'S SIGNATURE	DATE
RESIDENCE Aichi-ken, 475-0928, Japan	CITIZENSHIP Japanese	
POST OFFICE ADDRESS 3-11-6-101, Kirigaoka, Handa-shi, Aichi-ken, 475-0928, Japan		
FULL NAME OF SIXTH INVENTOR Klaus Urbahns	INVENTOR'S SIGNATURE	DATE
RESIDENCE 22351 Lund, Sweden	CITIZENSHIP German	
POST OFFICE ADDRESS Martenstorget 8, 22351 Lund, Sweden		
FULL NAME OF SEVENTH INVENTOR Noriyuki Yamamoto	INVENTOR'S SIGNATURE	DATE
RESIDENCE Osaka-fu, 577-0013, Japan	CITIZENSHIP Japanese	
POST OFFICE ADDRESS 2-1-11-1001, Nagatanaka, Higashiosaka-shi, Osaka-fu, 577-0013, Japan		

RCK 40-US

*Handwritten mark*

**POWER OF ATTORNEY:** As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Jeffrey M. Greenman, Reg.No. 26,552  
 Tilman Breitenstein, Limited Recognition under 37 C.F.R. § 11.9(b)  
 Jerrie L. Chiu, Reg. No. 41,670  
 William F. Gray, Reg. No. 31,018  
 Susan M. Pellegrino, Reg. No. 48,972  
 Barbara A. Shimei, Reg. No. 29,862

Address all written correspondence to Customer No. 35969 Mr. Jeffrey M. Greenman Bayer Pharmaceuticals Corporation 400 Morgan Lane West Haven, Connecticut 06516	Direct Telephone Calls To: (203)812-3964(Jerrie L. Chiu)
--	---

FULL NAME OF SOLE OR FIRST INVENTOR Masaomi Tajimi	INVENTOR'S SIGNATURE	DATE
RESIDENCE Aichi-ken, 478-0044, Japan	CITIZENSHIP Japanese	
POST OFFICE ADDRESS 762 Kyokutoudai, Chita-shi, Aichi-ken, 478-0044, Japan		
FULL NAME OF SECOND INVENTOR Toshio Kokubo	INVENTOR'S SIGNATURE	DATE
RESIDENCE Nara-ken, 631-0804, Japan	CITIZENSHIP Japanese	
POST OFFICE ADDRESS 3-15-18B, Jingu, Nara-shi, Nara-ken, 631-0804, Japan		
FULL NAME OF THIRD INVENTOR Masahiro Shiroo	INVENTOR'S SIGNATURE	DATE
RESIDENCE Cambridge CB1 5BE, Great-Britain	CITIZENSHIP Japanese	
POST OFFICE ADDRESS 20 Lady Jermy Way, Teversham, Cambridge CB1 5BE, Great-Britain		
FULL NAME OF FOURTH INVENTOR Yasuhiro Tsukimi	INVENTOR'S SIGNATURE	DATE
RESIDENCE Hyogo-ken, 661-0975 Japan	CITIZENSHIP Japanese	
POST OFFICE ADDRESS 2-10-6, Shimosakabe, Amagasaki-shi, Hyogo-ken, 661-0975 Japan		
FULL NAME OF FIFTH INVENTOR Takeshi Yura	INVENTOR'S SIGNATURE <i>田原 泰志</i>	DATE 22nd May 2005
RESIDENCE Aichi-ken, 475-0928, Japan <i>J&amp;K</i>	CITIZENSHIP Japanese	
POST OFFICE ADDRESS 3-11-6-101, Kirigaoka, Handa-shi, Aichi-ken, 475-0928, Japan		
FULL NAME OF SIXTH INVENTOR Klaus Urbahns	INVENTOR'S SIGNATURE	DATE
RESIDENCE 22351 Lund, Sweden	CITIZENSHIP German	
POST OFFICE ADDRESS Martenstorget 8, 22351 Lund, Sweden		
FULL NAME OF SEVENTH INVENTOR Noriyuki Yamamoto	INVENTOR'S SIGNATURE	DATE
RESIDENCE Osaka-fu, 577-0013, Japan	CITIZENSHIP Japanese	
POST OFFICE ADDRESS 2-1-11-1001, Nagatanaka, Higashiosaka-shi, Osaka-fu, 577-0013, Japan		

RCK 40-US

*5*

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Jeffrey M. Greenman, Reg.No. 26,552

Tilman Breitenstein, Limited Recognition under 37 C.F.R. § 11.9(b)

Jerrie L. Chiu, Reg. No. 41,670

William F. Gray, Reg. No. 31,018

Susan M. Pellegrino, Reg. No. 48,972

Barbara A. Shimei, Reg. No. 29,862

Address all written correspondence to Customer No. 35969 Mr. Jeffrey M. Greenman Bayer Pharmaceuticals Corporation 400 Morgan Lane West Haven, Connecticut 06516	Direct Telephone Calls To:  (203)812-3964(Jerrie L. Chiu)
--	---

FULL NAME OF SOLE OR FIRST INVENTOR Masaomi Tajimi	INVENTOR'S SIGNATURE	DATE
RESIDENCE Aichi-ken, 478-0044, Japan	CITIZENSHIP Japanese	
POST OFFICE ADDRESS 762 Kyokutoudai, Chita-shi, Aichi-ken, 478-0044, Japan		
FULL NAME OF SECOND INVENTOR Toshio Kokubo	INVENTOR'S SIGNATURE	DATE
RESIDENCE Nara-ken, 631-0804, Japan	CITIZENSHIP Japanese	
POST OFFICE ADDRESS 3-15-18B, Jingu, Nara-shi, Nara-ken, 631-0804, Japan		
FULL NAME OF THIRD INVENTOR Masahiro Shiroo	INVENTOR'S SIGNATURE	DATE
RESIDENCE Cambridge CB1 5BE, Great-Britain	CITIZENSHIP Japanese	
POST OFFICE ADDRESS 20 Lady Jermy Way, Teversham, Cambridge CB1 5BE, Great-Britain		
FULL NAME OF FOURTH INVENTOR Yasuhiro Tsukimi	INVENTOR'S SIGNATURE	DATE
RESIDENCE Hyogo-ken, 661-0975 Japan	CITIZENSHIP Japanese	
POST OFFICE ADDRESS 2-10-6, Shimosakabe, Amagasaki-shi, Hyogo-ken, 661-0975 Japan		
FULL NAME OF FIFTH INVENTOR Takeshi Yura	INVENTOR'S SIGNATURE	DATE
RESIDENCE Aichi-ken, 475-0928, Japan	CITIZENSHIP Japanese	
POST OFFICE ADDRESS 3-11-6-101, Kirigaoka, Handa-shi, Aichi-ken, 475-0928, Japan		
FULL NAME OF SIXTH INVENTOR Klaus Urbahns	INVENTOR'S SIGNATURE <i>Klaus Urbahns</i>	DATE 24 Nov 2005
RESIDENCE 22351 Lund, Sweden <i>SEX</i>	CITIZENSHIP German	
POST OFFICE ADDRESS Martenstorget 8, 22351 Lund, Sweden		
FULL NAME OF SEVENTH INVENTOR Noriyuki Yamamoto	INVENTOR'S SIGNATURE	DATE
RESIDENCE Osaka-fu, 577-0013, Japan	CITIZENSHIP Japanese	
POST OFFICE ADDRESS 2-1-11-1001, Nagatanaka, Higashiosaka-shi, Osaka-fu, 577-0013, Japan		

RCK 40-US

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Jeffrey M. Greenman, Reg.No. 26,552  
Tilman Breitenstein, Limited Recognition under 37 C.F.R. § 11.9(b)  
Jerrie L. Chiu, Reg. No. 41,670  
William F. Gray, Reg. No. 31,018  
Susan M. Pellegrino, Reg. No. 48,972  
Barbara A. Shimei, Reg. No. 29,862

Address all written correspondence to Customer No. 35969 Mr. Jeffrey M. Greenman Bayer Pharmaceuticals Corporation 400 Morgan Lane West Haven, Connecticut 06516		Direct Telephone Calls To:  (203)812-3964(Jerrie L. Chiu)		
FULL NAME OF SOLE OR FIRST INVENTOR Masaomi Tajimi		INVENTOR'S SIGNATURE		DATE
RESIDENCE Aichi-ken, 478-0044, Japan		CITIZENSHIP Japanese		
POST OFFICE ADDRESS 762 Kyokutoudai, Chita-shi, Aichi-ken, 478-0044, Japan				
FULL NAME OF SECOND INVENTOR Toshio Kokubo		INVENTOR'S SIGNATURE		DATE
RESIDENCE Nara-ken, 631-0804, Japan		CITIZENSHIP Japanese		
POST OFFICE ADDRESS 3-15-18B, Jingu, Nara-shi, Nara-ken, 631-0804, Japan				
FULL NAME OF THIRD INVENTOR Masahiro Shiroo		INVENTOR'S SIGNATURE		DATE
RESIDENCE Cambridge CB1 5BE, Great-Britain		CITIZENSHIP Japanese		
POST OFFICE ADDRESS 20 Lady Jermy Way, Teversham, Cambridge CB1 5BE, Great-Britain				
FULL NAME OF FOURTH INVENTOR Yasuhiro Tsukimi		INVENTOR'S SIGNATURE		DATE
RESIDENCE Hyogo-ken, 661-0975 Japan		CITIZENSHIP Japanese		
POST OFFICE ADDRESS 2-10-6, Shimosakabe, Amagasaki-shi, Hyogo-ken, 661-0975 Japan				
FULL NAME OF FIFTH INVENTOR Takeshi Yura		INVENTOR'S SIGNATURE		DATE
RESIDENCE Aichi-ken, 475-0928, Japan		CITIZENSHIP Japanese		
POST OFFICE ADDRESS 3-11-6-101, Kirigaoka, Handa-shi, Aichi-ken, 475-0928, Japan				
FULL NAME OF SIXTH INVENTOR Klaus Urbahns		INVENTOR'S SIGNATURE		DATE
RESIDENCE 22351 Lund, Sweden		CITIZENSHIP German		
POST OFFICE ADDRESS MartenStorget 8, 22351 Lund, Sweden				
FULL NAME OF SEVENTH INVENTOR Noriyuki Yamamoto		INVENTOR'S SIGNATURE		DATE May 16, 2005
RESIDENCE Osaka-fu, 577-0013, Japan JRX		CITIZENSHIP Japanese		
POST OFFICE ADDRESS 2-1-11-1001, Nagatanaka, Higashiosaka-shi, Osaka-fu, 577-0013, Japan				

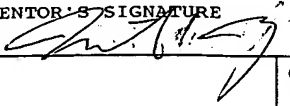
RCK 40-US

FULL NAME OF EIGHTH INVENTOR Muneto Mogi		INVENTOR'S SIGNATURE		DATE
RESIDENCE Nara-ken, 630-8325, Japan			CITIZENSHIP Japanese	
POST OFFICE ADDRESS 63-23-208, Nishikitsuji-cho, Nara-shi, Nara-ken, 630-8325, Japan				
9-10 FULL NAME OF NINTH INVENTOR Hiroshi Fujishima		INVENTOR'S SIGNATURE Hiroshi Fujishima		DATE May 16, 2005
RESIDENCE Nara-ken, 631-0801, Japan JSX			CITIZENSHIP Japanese	
POST OFFICE ADDRESS 3-23-25, Sakyo, Nara-shi, Nara-ken, 631-0801, Japan				
FULL NAME OF TENTH INVENTOR Tsutomu Masuda		INVENTOR'S SIGNATURE		DATE
RESIDENCE Aichi-ken, 475-0844 Japan			CITIZENSHIP Japanese	
POST OFFICE ADDRESS 180-5, Teramachi, Handa-shi, Aichi-ken, 475-0844 Japan				
FULL NAME OF ELEVENTH INVENTOR Nagahiro Yoshida		INVENTOR'S SIGNATURE		DATE
RESIDENCE Kyoto-fu, 619-0223, Japan			CITIZENSHIP Japanese	
POST OFFICE ADDRESS 5-18-15, Saganakadai, Kizu-cho, Soraku-gun, Kyoto-fu, 619-0223, Japan				
FULL NAME OF TWELFTH INVENTOR Toshiya Moriwaki		INVENTOR'S SIGNATURE		DATE
RESIDENCE Nara-ken, 630-0121, Japan			CITIZENSHIP Japanese	
POST OFFICE ADDRESS 2-25-4, Kitayamato, Ikoma-shi, Nara-ken, 630-0121, Japan				
FULL NAME OF THIRTEENTH INVENTOR		INVENTOR'S SIGNATURE		DATE
RESIDENCE			CITIZENSHIP	
POST OFFICE ADDRESS				
FULL NAME OF FOURTEENTH INVENTOR		INVENTOR'S SIGNATURE		DATE
RESIDENCE			CITIZENSHIP	
POST OFFICE ADDRESS				
FULL NAME OF FIFTEENTH INVENTOR		INVENTOR'S SIGNATURE		DATE
RESIDENCE			CITIZENSHIP	
POST OFFICE ADDRESS				
FULL NAME OF SIXTEENTH INVENTOR		INVENTOR'S SIGNATURE		DATE
RESIDENCE			CITIZENSHIP	
POST OFFICE ADDRESS				
FULL NAME OF SEVENTEENTH INVENTOR		INVENTOR'S SIGNATURE		DATE
RESIDENCE			CITIZENSHIP	
POST OFFICE ADDRESS				

FULL NAME OF EIGHTH INVENTOR Muneto Mogi		INVENTOR'S SIGNATURE	DATE
RESIDENCE Nara-ken, 630-8325, Japan		CITIZENSHIP Japanese	
POST OFFICE ADDRESS 63-23-208, Nishikitsuji-cho, Nara-shi, Nara-ken, 630-8325, Japan			
FULL NAME OF NINTH INVENTOR Hiroshi Fujishima		INVENTOR'S SIGNATURE	DATE
RESIDENCE Nara-ken, 631-0801, Japan		CITIZENSHIP Japanese	
POST OFFICE ADDRESS 3-23-25, Sakyo, Nara-shi, Nara-ken, 631-0801, Japan			
FULL NAME OF TENTH INVENTOR Tsutomu Masuda		INVENTOR'S SIGNATURE <i>Tsutomu Masuda</i>	DATE May. 17. 2008
RESIDENCE Aichi-ken, 475-0844 Japan JFX		CITIZENSHIP Japanese	
POST OFFICE ADDRESS 180-5, Teramachi, Handa-shi, Aichi-ken, 475-0844 Japan			
FULL NAME OF ELEVENTH INVENTOR Nagahiro Yoshida		INVENTOR'S SIGNATURE	DATE
RESIDENCE Kyoto-fu, 619-0223, Japan		CITIZENSHIP Japanese	
POST OFFICE ADDRESS 5-18-15, Saganakadai, Kizu-cho, Soraku-gun, Kyoto-fu, 619-0223, Japan			
FULL NAME OF TWELFTH INVENTOR Toshiya Moriwaki		INVENTOR'S SIGNATURE	DATE
RESIDENCE Nara-ken, 630-0121, Japan		CITIZENSHIP Japanese	
POST OFFICE ADDRESS 2-25-4, Kitayamato, Ikoma-shi, Nara-ken, 630-0121, Japan			
FULL NAME OF THIRTEENTH INVENTOR		INVENTOR'S SIGNATURE	DATE
RESIDENCE		CITIZENSHIP	
POST OFFICE ADDRESS			
FULL NAME OF FOURTEENTH INVENTOR		INVENTOR'S SIGNATURE	DATE
RESIDENCE		CITIZENSHIP	
POST OFFICE ADDRESS			
FULL NAME OF FIFTEENTH INVENTOR		INVENTOR'S SIGNATURE	DATE
RESIDENCE		CITIZENSHIP	
POST OFFICE ADDRESS			
FULL NAME OF SIXTEENTH INVENTOR		INVENTOR'S SIGNATURE	DATE
RESIDENCE		CITIZENSHIP	
POST OFFICE ADDRESS			
FULL NAME OF SEVENTEENTH INVENTOR		INVENTOR'S SIGNATURE	DATE
RESIDENCE		CITIZENSHIP	
POST OFFICE ADDRESS			

FULL NAME OF EIGHTH INVENTOR Muneto Mogi		INVENTOR'S SIGNATURE		DATE
RESIDENCE Nara-ken, 630-8325, Japan		CITIZENSHIP Japanese		
POST OFFICE ADDRESS 63-23-208, Nishikitsuji-cho, Nara-shi, Nara-ken, 630-8325, Japan				
FULL NAME OF NINTH INVENTOR Hiroshi Fujishima		INVENTOR'S SIGNATURE		DATE
RESIDENCE Nara-ken, 631-0801, Japan		CITIZENSHIP Japanese		
POST OFFICE ADDRESS 3-23-25, Sakyo, Nara-shi, Nara-ken, 631-0801, Japan				
FULL NAME OF TENTH INVENTOR Tsutomu Masuda		INVENTOR'S SIGNATURE		DATE
RESIDENCE Aichi-ken, 475-0844 Japan		CITIZENSHIP Japanese		
POST OFFICE ADDRESS 180-5, Teramachi, Handa-shi, Aichi-ken, 475-0844 Japan				
FULL NAME OF ELEVENTH INVENTOR Nagahiro Yoshida		INVENTOR'S SIGNATURE		DATE 2015/05/16
RESIDENCE Kyoto-fu, 619-0223, Japan JPK		CITIZENSHIP Japanese		
POST OFFICE ADDRESS 5-18-15, Saganakadai, Kizu-cho, Soraku-gun, Kyoto-fu, 619-0223, Japan				
FULL NAME OF TWELFTH INVENTOR Toshiya Moriwaki		INVENTOR'S SIGNATURE		DATE
RESIDENCE Nara-ken, 630-0121, Japan		CITIZENSHIP Japanese		
POST OFFICE ADDRESS 2-25-4, Kitayamato, Ikoma-shi, Nara-ken, 630-0121, Japan				
FULL NAME OF THIRTEENTH INVENTOR		INVENTOR'S SIGNATURE		DATE
RESIDENCE		CITIZENSHIP		
POST OFFICE ADDRESS				
FULL NAME OF FOURTEENTH INVENTOR		INVENTOR'S SIGNATURE		DATE
RESIDENCE		CITIZENSHIP		
POST OFFICE ADDRESS				
FULL NAME OF FIFTEENTH INVENTOR		INVENTOR'S SIGNATURE		DATE
RESIDENCE		CITIZENSHIP		
POST OFFICE ADDRESS				
FULL NAME OF SIXTEENTH INVENTOR		INVENTOR'S SIGNATURE		DATE
RESIDENCE		CITIZENSHIP		
POST OFFICE ADDRESS				
FULL NAME OF SEVENTEENTH INVENTOR		INVENTOR'S SIGNATURE		DATE
RESIDENCE		CITIZENSHIP		
POST OFFICE ADDRESS				

FULL NAME OF EIGHTH INVENTOR Muneto Mogi		INVENTOR'S SIGNATURE		DATE
RESIDENCE Nara-ken, 630-8325, Japan		CITIZENSHIP Japanese		
POST OFFICE ADDRESS 63-23-208, Nishikitsuji-cho, Nara-shi, Nara-ken, 630-8325, Japan				
FULL NAME OF NINTH INVENTOR Hiroshi Fujishima		INVENTOR'S SIGNATURE		DATE
RESIDENCE Nara-ken, 631-0801, Japan		CITIZENSHIP Japanese		
POST OFFICE ADDRESS 3-23-25, Sakyo, Nara-shi, Nara-ken, 631-0801, Japan				
FULL NAME OF TENTH INVENTOR Tsutomu Masuda		INVENTOR'S SIGNATURE		DATE
RESIDENCE Aichi-ken, 475-0844 Japan		CITIZENSHIP Japanese		
POST OFFICE ADDRESS 180-5, Teramachi, Handa-shi, Aichi-ken, 475-0844 Japan				
FULL NAME OF ELEVENTH INVENTOR Nagahiro Yoshida		INVENTOR'S SIGNATURE		DATE
RESIDENCE Kyoto-fu, 619-0223, Japan		CITIZENSHIP Japanese		
POST OFFICE ADDRESS 5-18-15, Saganakadai, Kizu-cho, Soraku-gun, Kyoto-fu, 619-0223, Japan				
FULL NAME OF TWELFTH INVENTOR Toshiya Moriwaki		INVENTOR'S SIGNATURE <i>Toshigo Moriwaki</i>		DATE <i>May 21, 2005</i>
RESIDENCE Nara-ken, 630-0121, Japan <i>JRX</i>		CITIZENSHIP Japanese		
POST OFFICE ADDRESS 2-25-4, Kitayamato, Ikoma-shi, Nara-ken, 630-0121, Japan				
FULL NAME OF THIRTEENTH INVENTOR		INVENTOR'S SIGNATURE		DATE
RESIDENCE		CITIZENSHIP		
POST OFFICE ADDRESS				
FULL NAME OF FOURTEENTH INVENTOR		INVENTOR'S SIGNATURE		DATE
RESIDENCE		CITIZENSHIP		
POST OFFICE ADDRESS				
FULL NAME OF FIFTEENTH INVENTOR		INVENTOR'S SIGNATURE		DATE
RESIDENCE		CITIZENSHIP		
POST OFFICE ADDRESS				
FULL NAME OF SIXTEENTH INVENTOR		INVENTOR'S SIGNATURE		DATE
RESIDENCE		CITIZENSHIP		
POST OFFICE ADDRESS				
FULL NAME OF SEVENTEENTH INVENTOR		INVENTOR'S SIGNATURE		DATE
RESIDENCE		CITIZENSHIP		
POST OFFICE ADDRESS				

8-2 FULL NAME OF EIGHTH INVENTOR Muneto Mogi		INVENTOR'S SIGNATURE 		DATE May 29, 2005
RESIDENCE Nara-ken, 630-8325, Japan JPX		CITIZENSHIP Japanese		
POST OFFICE ADDRESS 63-23-208, Nishikitsuji-cho, Nara-shi, Nara-ken, 630-8325, Japan				
FULL NAME OF NINTH INVENTOR Hiroshi Fujishima		INVENTOR'S SIGNATURE		DATE
RESIDENCE Nara-ken, 631-0801, Japan		CITIZENSHIP Japanese		
POST OFFICE ADDRESS 3-23-25, Sakyo, Nara-shi, Nara-ken, 631-0801, Japan				
FULL NAME OF TENTH INVENTOR Tsutomu Masuda		INVENTOR'S SIGNATURE		DATE
RESIDENCE Aichi-ken, 475-0844 Japan		CITIZENSHIP Japanese		
POST OFFICE ADDRESS 180-5, Teramachi, Handa-shi, Aichi-ken, 475-0844 Japan				
FULL NAME OF ELEVENTH INVENTOR Nagahiro Yoshida		INVENTOR'S SIGNATURE		DATE
RESIDENCE Kyoto-fu, 619-0223, Japan		CITIZENSHIP Japanese		
POST OFFICE ADDRESS 5-18-15, Saganakadai, Kizu-cho, Soraku-gun, Kyoto-fu, 619-0223, Japan				
FULL NAME OF TWELFTH INVENTOR Toshiya Moriwaki		INVENTOR'S SIGNATURE		DATE
RESIDENCE Nara-ken, 630-0121, Japan		CITIZENSHIP Japanese		
POST OFFICE ADDRESS 2-25-4, Kitayamato, Ikoma-shi, Nara-ken, 630-0121, Japan				
FULL NAME OF THIRTEENTH INVENTOR		INVENTOR'S SIGNATURE		DATE
RESIDENCE		CITIZENSHIP		
POST OFFICE ADDRESS				
FULL NAME OF FOURTHEENTH INVENTOR		INVENTOR'S SIGNATURE		DATE
RESIDENCE		CITIZENSHIP		
POST OFFICE ADDRESS				
FULL NAME OF FIFTEENTH INVENTOR		INVENTOR'S SIGNATURE		DATE
RESIDENCE		CITIZENSHIP		
POST OFFICE ADDRESS				
FULL NAME OF SIXTEENTH INVENTOR		INVENTOR'S SIGNATURE		DATE
RESIDENCE		CITIZENSHIP		
POST OFFICE ADDRESS				
FULL NAME OF SEVENTEENTH INVENTOR		INVENTOR'S SIGNATURE		DATE
RESIDENCE		CITIZENSHIP		
POST OFFICE ADDRESS				